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# 23/K.T.  
Raw  
Seq.  
J. Shing

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/310,844C

DATE: 02/22/2002  
TIME: 15:22:09

Input Set : A:\EP.txt  
Output Set: N:\CRF3\02222002\I310844C.raw

ENTERED  
see page 5

Of

3 <110> APPLICANT: Ecker, David J.  
4 Griffey, Richard  
5 Crooke, Stanley T.  
6 Sampath, Ranga  
7 Swayze, Eric  
8 Mohan, Venkatraman  
9 Hofstadler, Steven  
10 McNeil, John  
12 <120> TITLE OF INVENTION: Molecular Interaction Sites Of Interleukin-2 RNA And Methods  
13 Modulating The Same  
15 <130> FILE REFERENCE: IBIS0171  
17 <140> CURRENT APPLICATION NUMBER: 09/310,844C  
18 <141> CURRENT FILING DATE: 1999-05-12  
20 <160> NUMBER OF SEQ ID NOS: 97  
22 <170> SOFTWARE: PatentIn version 3.1  
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25 <211> LENGTH: 24  
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30 <223> OTHER INFORMATION: Novel Sequence  
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35 <223> OTHER INFORMATION: N is any nucleotide  
38 <220> FEATURE:  
39 <221> NAME/KEY: misc\_feature  
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44 <220> FEATURE:  
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46 <222> LOCATION: (14)..(15)  
47 <223> OTHER INFORMATION: N is any nucleotide  
50 <220> FEATURE:  
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53 <223> OTHER INFORMATION: N is any nucleotide  
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60 <210> SEQ ID NO: 2  
61 <211> LENGTH: 31  
62 <212> TYPE: RNA  
63 <213> ORGANISM: Artificial Sequence

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66 <223> OTHER INFORMATION: Novel Sequence
68 <400> SEQUENCE: 2
69 uuuaacaacau aaucuaguuu acagaaaaau c 31
72 <210> SEQ ID NO: 3
73 <211> LENGTH: 48
74 <212> TYPE: RNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Novel Sequence
80 <220> FEATURE:
81 <221> NAME/KEY: misc_feature
82 <222> LOCATION: (1)..(4)
83 <223> OTHER INFORMATION: N is any nucleotide
86 <220> FEATURE:
87 <221> NAME/KEY: misc_feature
88 <222> LOCATION: (6)..(6)
89 <223> OTHER INFORMATION: N is any nucleotide
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100 <222> LOCATION: (20)..(21)
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106 <222> LOCATION: (24)..(24)
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117 <221> NAME/KEY: misc_feature
118 <222> LOCATION: (48)..(48)
119 <223> OTHER INFORMATION: N is any nucleotide
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126 <210> SEQ ID NO: 4
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128 <212> TYPE: RNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Novel Sequence
134 <400> SEQUENCE: 4
135 uaggauagg gucacacuua ucuguguucc uaggaaacu auuug 45
138 <210> SEQ ID NO: 5

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140 <212> TYPE: RNA
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144 <223> OTHER INFORMATION: Novel Sequence
146 <400> SEQUENCE: 5
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151 <211> LENGTH: 45
152 <212> TYPE: RNA
153 <213> ORGANISM: Artificial Sequence
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156 <223> OTHER INFORMATION: Novel Sequence
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159 uaggagaugg ggggucacac uuacuguguu ccuaugaaac uuuug        45
162 <210> SEQ ID NO: 7
163 <211> LENGTH: 30
164 <212> TYPE: RNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Novel Sequence
170 <220> FEATURE:
171 <221> NAME/KEY: misc_feature
172 <222> LOCATION: (6)..(8)
173 <223> OTHER INFORMATION: N is any nucleotide
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177 <221> NAME/KEY: misc_feature
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179 <223> OTHER INFORMATION: N is any nucleotide
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185 <223> OTHER INFORMATION: N is any nucleotide
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194 <212> TYPE: RNA
195 <213> ORGANISM: Artificial Sequence
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198 <223> OTHER INFORMATION: Novel Sequence
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205 <211> LENGTH: 28
206 <212> TYPE: RNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
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216 <210> SEQ ID NO: 10
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218 <212> TYPE: RNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
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225 auggggggguc acacuuacug uguuccuau 29
228 <210> SEQ ID NO: 11
229 <211> LENGTH: 17
230 <212> TYPE: RNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
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236 <220> FEATURE:
237 <221> NAME/KEY: misc_feature
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239 <223> OTHER INFORMATION: N is any nucleotide
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245 <223> OTHER INFORMATION: N is any nucleotide
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254 <212> TYPE: RNA
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
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260 <400> SEQUENCE: 12
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264 <210> SEQ ID NO: 13
265 <211> LENGTH: 18
266 <212> TYPE: RNA
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277 <211> LENGTH: 18
278 <212> TYPE: RNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Novel Sequence
284 <400> SEQUENCE: 14

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## RAW SEQUENCE LISTING

DATE: 02/22/2002

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Input Set : A:\EP.txt

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296 <400> SEQUENCE: 15
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310 <222> LOCATION: (21)..(21)
311 <223> OTHER INFORMATION: N is any nucleotide
314 <220> FEATURE:
315 <221> NAME/KEY: misc_feature
316 <222> LOCATION: (34)..(34)
317 <223> OTHER INFORMATION: N is any nucleotide
320 <220> FEATURE:
321 <221> NAME/KEY: misc_feature
322 <222> LOCATION: (37)..(38)
323 <223> OTHER INFORMATION: N is any nucleotide
326 <220> FEATURE:
327 <221> NAME/KEY: misc_feature
328 <222> LOCATION: (41)..(42)
329 <223> OTHER INFORMATION: N is any nucleotide
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333 <221> NAME/KEY: misc_feature
334 <222> LOCATION: (44)..(44)
335 <223> OTHER INFORMATION: N is any nucleotide
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341 <223> OTHER INFORMATION: N is any nucleotide
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353 <223> OTHER INFORMATION: N is any nucleotide
356 <220> FEATURE:
357 <221> NAME/KEY: misc_feature

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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/310,844C

DATE: 02/22/2002

TIME: 15:22:10

Input Set : A:\EP.txt

Output Set: N:\CRF3\02222002\I310844C.raw

L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16  
L:439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23  
L:649 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44  
L:1233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65  
L:1281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66  
L:1329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67  
L:1371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68  
L:1425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69  
L:1473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70  
L:1527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71  
L:1575 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72  
L:1623 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73  
L:1665 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74  
L:1719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75  
L:1767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76  
L:1821 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77  
L:1869 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78  
L:1917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79  
L:1959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80  
L:2013 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:2061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82  
L:2109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83  
L:2151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84  
L:2193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85  
L:2229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86  
L:2277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87  
L:2319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88  
L:2343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89  
L:2373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90  
L:2397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91  
L:2427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92  
L:2451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93  
L:2475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94  
L:2493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95  
L:2559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96  
L:2619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97